IN THE CLAIMS:

Please amend claims 1, 3 and 31 and cancel claims 2, 6, 11, 18 and 25, without prejudice or disclaimer, as follows:

1. (Currently Amended) A capacitive acceleration sensor comprising at least one pair of electrodes such, that ~~each~~ the at least one pair of electrodes comprises a movable electrode, which is responsive to the acceleration, and at least one stationary plate portion, wherein ~~each~~ the at least one pair of electrodes further comprises an axis of rotation ~~essentially~~ forming a_n ~~common~~ axis such, that_:

- the movable electrode of the acceleration sensor is rigidly supported at the axis of rotation such, that the movable electrode is free to turn in a rotational motion about the axis of rotation,

- the position of the pairs of electrodes is selected symmetrically in relation to axes of symmetry, and that

- ~~several pairs~~ the at least one pair of electrodes comprises more than one pair of electrodes ~~are~~ used in the acceleration sensor, the acceleration sensor being a multi-axis acceleration sensor.

2. (Cancelled)

3. (Currently Amended) The capacitive acceleration sensor of Claim 1, wherein ~~the~~ shape_s of the pairs of electrodes ~~is~~ are selected ~~to be suitable~~ in relation to the number of pairs of electrodes.

4. (Cancelled)

5. (Original) The capacitive acceleration sensor of Claim 1, wherein two pairs of electrodes are used in the acceleration sensor.

6. (Cancelled)

7. (Original) The capacitive acceleration sensor of Claim 5, wherein a two axes acceleration sensor is implemented by using two pairs of electrodes.

8. (Original) The capacitive acceleration sensor of Claim 5, wherein the pairs of electrodes are positioned such, that two axes of symmetry are formed.

9. (Original) The capacitive acceleration sensor of Claim 5, wherein length of the line segment between the centers of gravity of each of the movable electrodes is shorter than the straight line drawn between any support points of different movable electrodes.

10. (Original) The capacitive acceleration sensor of Claim 1, wherein three pairs of electrodes are used in the acceleration sensor.

11. (Cancelled)

12. (Original) The capacitive acceleration sensor of Claim 10, wherein a two axes acceleration sensor is implemented by using three pairs of electrodes.

13. (Original) The capacitive acceleration sensor of Claim 10, wherein a three axes acceleration sensor is implemented by using three pairs of electrodes.

14. (Original) The capacitive acceleration sensor of Claim 10, wherein the pairs of electrodes are positioned such, that three axes of symmetry are formed.

15. (Original) The capacitive acceleration sensor of Claim 10, wherein the pairs of electrodes are positioned in the sensor such, that the positive direction vector of each movable electrode is at an angle of 120°, and 240° in relation to the positive direction vector of the other two movable electrodes.

16. (Original) The capacitive acceleration sensor of Claim 8, wherein the negative direction vectors of the movable electrodes intersect at essentially one point.

17. (Original) The capacitive acceleration sensor of Claim 1, wherein four pairs of electrodes are used in the acceleration sensor.

18. (Cancelled)

19. (Original) The capacitive acceleration sensor of Claim 17, wherein a two axes acceleration sensor is implemented by using four pairs of electrodes.

20. (Original) The capacitive acceleration sensor of Claim 17, wherein a three axes acceleration sensor is implemented by using four pairs of electrodes.

21. (Original) The capacitive acceleration sensor of Claim 17, wherein the pairs of electrodes are positioned such, that four axes of symmetry are formed.

22. (Original) The capacitive acceleration sensor of Claim 17, wherein the pairs of electrodes are positioned in the sensor such, that the positive direction vector of each movable electrode is at an angle of 90°, 180°, and 270° in relation to the positive direction vector of the other three movable electrodes.

23. (Original) The capacitive acceleration sensor of Claim 17, wherein the negative direction vectors of the movable electrodes intersect at essentially one point.

24. (Original) The capacitive acceleration sensor of Claim 1, wherein eight pairs of electrodes are used in the acceleration sensor.

25. (Cancelled)

26. (Original) The capacitive acceleration sensor of Claim 24, wherein a two axes acceleration sensor is implemented by using eight pairs of electrodes.

27. (Original) The capacitive acceleration sensor of Claim 24, wherein a three axes acceleration sensor is implemented by using eight pairs of electrodes.

28. (Original) The capacitive acceleration sensor of Claim 24, wherein the pairs of electrodes are positioned such, that four axes of symmetry are formed.

29. (Original) The capacitive acceleration sensor of Claim 1, wherein the different pairs of electrodes are adapted to measuring at different ranges of acceleration.

30. (Original) The capacitive acceleration sensor of Claim 1, wherein some of the pairs of electrodes of the acceleration sensor are redundant pairs of electrodes.

31. (Currently Amended) The capacitive acceleration sensor of Claim 1, wherein ~~some~~ a number of the pairs of electrodes and their orientations of the acceleration sensor are ~~used for linearisation of the~~ selected such that an output of the acceleration sensor is linearised with respect to a change in capacitance.